Abstract

A process and system for addressing presbyopia of an eye is disclosed and features the resecting of an eye to expose a corneal stroma and system and method for determining an eye sculpturing center point found in a nasal-superior region of the eye. Sculpturing through use of an ablation laser is then carried out relative to the determined eye sculpturing centerpoint which sculpturing includes leaving a central optic zone unable relative to the presbyopic corrective process. Following sculpturing the resected portion of the eye is returned to cover over the sculptured region. The sculpturing profile is also formed with ablation control to define an advantageous (e.g., aspherical) ablation profile in the stroma.